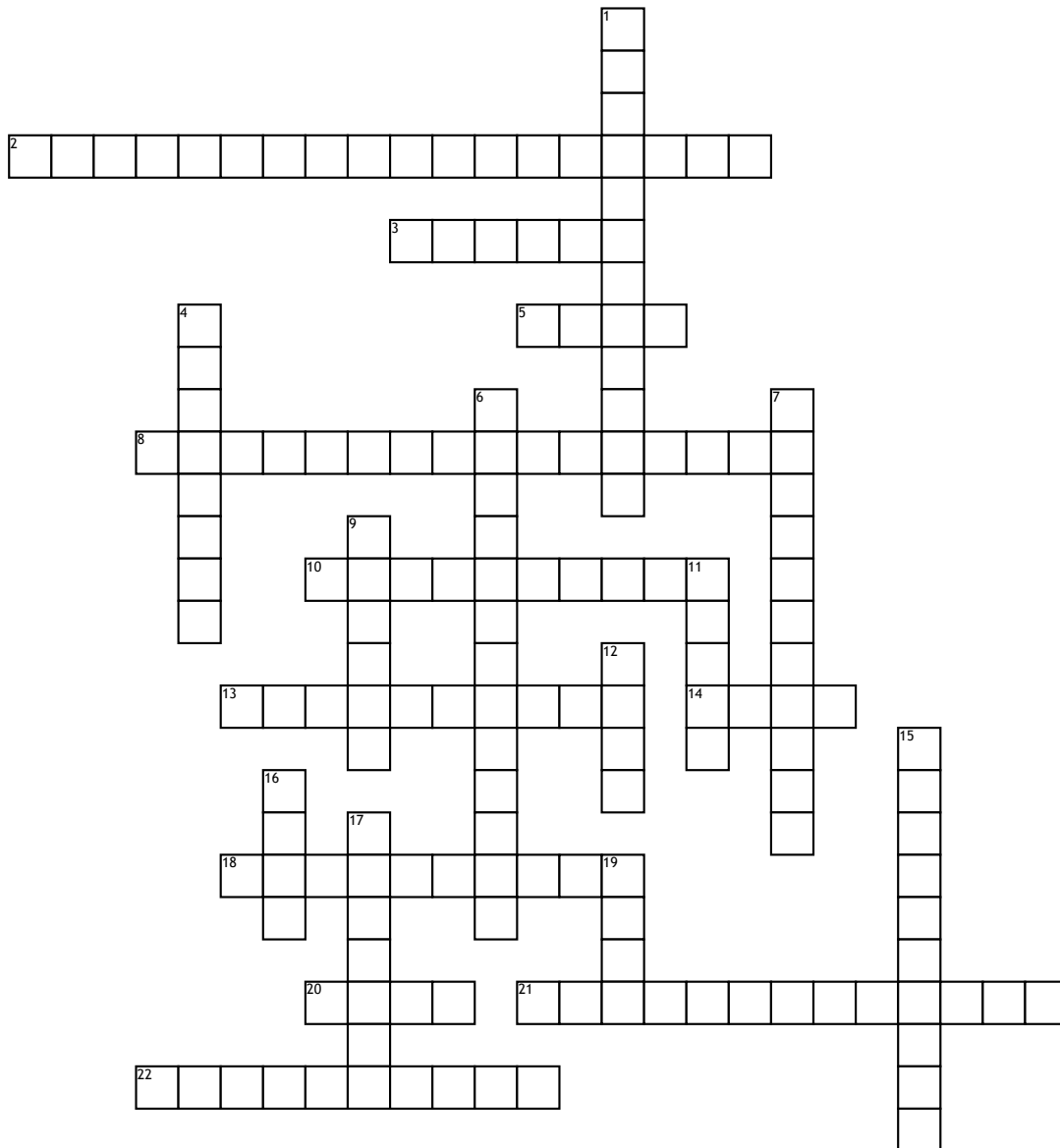


Acids and Bases



Across

2. If a stress is applied to a system in _____

the system changes in a way that relieves the stress.

3. The ocean is a _____ sink.

5. A property of an acid is that they are _____.

8. Ocean acidification is a problem for marine organisms whose shells and exoskeletons are made of _____.

10. Weak acids and bases only partially _____ into ions.

13. Weak acids or weak bases reactions can be _____.

14. HCl is a strong _____.

18. A pH of 4 is _____ times more acidic than a pH of 6.

20. NaOH is a strong _____.

21. One stress that can be applied to a system is _____ which changes the amount of a reactant or product.

22. Strong acids and strong bases _____ dissociate in solution.

Down

1. _____ is a hydrated hydrogen atom.

4. The unit of concentration is called _____.

6. The ocean absorbs _____ from the atmosphere.

7. A base can be _____ by an acid.

9. A property of a base is that they are _____.

11. A neutral solution has _____ hydroxide and hydronium ion concentrations.

12. Carbonic acid is a _____ acid.

15. Both acids and bases are _____ of electricity in a solution.

16. Dissociation is the process of breaking apart into _____ in solution.

17. Ranges from 0 - 14

19. As the concentration of hydronium ions goes up pH goes _____.